

# 3

Animal Product  
Manual

## Reference

### *Animal Waste and Related By-Products*

#### Contents

Introduction	page 3-2-1
Locator	page 3-2-4
Feces, Guano, Manure, or Urine	page 3-2-5
Bat Guano	page 3-2-6
Bird Guano and Manure	page 3-2-7
Powdered Bird Guano that Lacks Certification and from a Country Free from HPAI (H5N1) and END	page 3-2-7
Livestock Feces, Manure, and Urine	page 3-2-8
Animal Waste for Manufacturing (Industrial Use)	page 3-2-9
Animal Glue, Glue Stock, and Gut Strings	page 3-2-9
Collagen and Collagenous Products	page 3-2-10
Collagen and Collagenous Parts or Products of Ruminants from a Country Known to Be Affected with BSE	page 3-2-11
Ruminant Glue Stock from a Country Affected with BSE	page 3-2-12
Ruminant Glue Stock from a Country Affected with FMD	page 3-2-12
Swine Glue Stock from a Country Affected with ASF, CSF, FMD, or SVD; or Glue Stock from an Unknown Animal Class	page 3-2-13
Pellets from Birds of Prey	page 3-2-14
Rendered Products and Processed Proteins	page 3-2-15
Rendered or Processed Protein Products from Poultry, for Animal Feed or Fertilizer from a Country Free from BSE	page 3-2-19
Rendered or Processed Protein Products from Equine, Ruminant, or Swine, for Animal Feed or Fertilizer from a Country Free from BSE	page 3-2-20
Other Animal Waste Products that Are Not Fully Processed and Are Not Considered to Rendered, from a Country Free from BSE	page 3-2-21

#### Introduction

The *Animal Waste and Related By-Products* section covers animal by-products which have been naturally discharged or released as waste, are leftover parts of carcasses, or are leftover by-products. Animal waste and related by-products are usually dried, ready to be used as animal feed or fertilizer, processed into glue, or manufactured. Following are examples of animal waste and related by-products:

- ◆ Manure of livestock (horse, ruminant, swine, poultry and/or birds) or other mammals such as bats (guano). Manure is the feces of livestock and poultry, with or **without** litter. Bat guano is regulated because of possible contamination with bird feathers and manure
- ◆ Urine of livestock and poultry. The feces of birds and bats includes a urine component

- ◆ Feces and urine of **other than** livestock for analysis and diagnosis. These by-products originate from felines (cats), canines (dogs), laboratory mammals (rats, mice, gerbils, guinea pigs, rabbits, and hamsters), amphibians, reptiles, fish, and marine mammals
- ◆ Glue stock, which consists of hide cuttings, tendons, or other collagenous parts of animal carcasses
- ◆ Glue made from hide (hide glue) or bone (bone glue). This may be imported as granules, flakes, or powder. Regulate as animal glue
- ◆ Vomitus of birds of prey in the form of pellets
- ◆ Rendered products for animal feed or fertilizer. These products are usually finely ground and rendered and include blood meal, bone meal, feather meal, fish emulsion, fish hydrolysate, horn and hoof meal, meat meal, and tankage
- ◆ Processed animal proteins. These are products which are processed by cooking or drying, but are **not** considered to be rendered



Rendered products and processed protein products from countries affected with BSE are **prohibited** entry unless accompanied by a VS-issued permit.

- ◆ Collagen as bulk or a component of, for use in cosmetics, cell culture media, and reagents

**Not** covered in this section are the following animal products and by-products:

- ◆ Dried blood such as spray dried blood and freeze dried blood (except for that from countries affected with BSE); regulate these products as **Blood and Related By-Products** on page 3-3-1
- ◆ Cartilage and ossein; regulate these products as **Bones and Related By-Products** on page 3-4-1
- ◆ Collagen casings; regulate these products as **Casings** on page 3-5-1
- ◆ Finished suture material derived from intestines and packed in liquid; this material is unrestricted

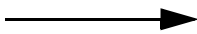
When a VS permit authorizes entry of the animal waste or related by-product, match the shipping documents with the information on the permit that follows:

- ◆ Current date
- ◆ Description of the material
- ◆ Shipper

- ◆ Consignee
- ◆ Conditions spelled out on the permit

Follow [Table 3-2-1](#) as you match the permit with the shipping documents.

TABLE 3-2-1 Validate Importation Authorized Entry by a VS Permit

If the importation is:	And the shipping documents:	And the:	Then:
Authorized entry by a VS permit	Match the permit		RELEASE or CONTROL as specified on the permit
	Do not match the permit	Permit has expired	<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. HAVE the consignee contact VS, TTSPS (see <a href="#">page 2-4-27</a>)</li> <li>3. SAFEGUARD the importation until you hear from VS, TTSPS</li> </ol>
		Discrepancy is <b>other than</b> an expired permit	<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. CONTACT <a href="#">PPQ-AQI-VMO</a> or <a href="#">PPQ-VRS-Headquarters Personnel</a> for further action (see <a href="#">Appendix H</a>)</li> </ol>

## Locator

When a VS permit **does not** accompany an importation of the animal waste or related by-products, use [Table 3-2-2](#) to determine the appropriate regulatory action to take.

**TABLE 3-2-2 Where to Find the Regulatory Action on Animal Waste or Related By-Products that Are Not Authorized by a VS Permit**

If the importation is:	And the importation is:	Then:
Animal waste or related by-products that are <b>not</b> authorized entry by a VS permit	<ul style="list-style-type: none"> <li>◆ Feces</li> <li>◆ Guano</li> <li>◆ Manure</li> <li>◆ Urine</li> </ul>	GO to <a href="#">Table 3-2-3 on page 3-2-5</a>
	Collagen <sup>1</sup>	GO to <a href="#">Table 3-2-9 on page 3-2-10</a>
	Animal glue <sup>2</sup>	RELEASE
	<ul style="list-style-type: none"> <li>◆ Dried intestines</li> <li>◆ Glue stock</li> </ul>	GO to <a href="#">Table 3-2-8 on page 3-2-9</a>
	Pellets from birds of prey (eagles, falcons, hawks, ospreys, owls, and vultures)	GO to <a href="#">Table 3-2-14 on page 3-2-14</a>
	<ul style="list-style-type: none"> <li>◆ Rendered products</li> <li>◆ Processed proteins</li> </ul>	GO to <a href="#">Table 3-2-15 on page 3-2-16</a>
	<b>Other</b> animal waste products that have <b>not</b> been fully processed and are <b>not</b> considered to be rendered from a country free from BSE	GO to <a href="#">Table 3-2-20 on page 3-2-21</a>
	Animal waste and related by-products <b>other than</b> described above	1. <b>DO NOT</b> RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see <a href="#">Appendix H</a> )

1 If collagen casings, see the *Reference* section for [Casings](#).

2 Animal glue includes bone glue, hide glue, inedible or nonedible gelatin, and technical gelatin. If the importer, label, or any document suggests that the animal glue is edible, then regulate as gelatin under [Bones and Related By-Products](#).


## Feces, Guano, Manure, or Urine

TABLE 3-2-3 Feces, Guano, Manure, or Urine

If:	And from:	Then:
<ul style="list-style-type: none"> <li>◆ Feces</li> <li>◆ Guano</li> <li>◆ Manure</li> <li>◆ Urine</li> </ul>	Bat	GO to <a href="#">Table 3-2-4</a>
	Bird	GO to <a href="#">Table 3-2-5</a>
	Laboratory animal	GO to <a href="#">Laboratory Mammals and Various Vertebrates and Invertebrates and Their Associated Materials</a> on <b>page 3-8-9</b>
	Livestock species, specifically <ul style="list-style-type: none"> <li>◆ Horse (equine)</li> <li>◆ Ruminant</li> <li>◆ Swine</li> </ul>	GO to <a href="#">Table 3-2-7</a>
	Unknown animal class	1. <b>DO NOT</b> RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see <a href="#">Appendix H</a> )

Bat Guano

TABLE 3-2-4 Bat Guano

If:	And:	And your inspection reveals:	Then:
Bat guano	Is accompanied by the producer's or shipper's declaration <sup>1</sup>	No contamination with feathers or other manure that would be evidence that the guano is from <b>other than</b> bats	INSPECT and RELEASE
		Evidence that indicates the guano is from <b>other than</b> bats	1. <b>DO NOT</b> RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11</a> )
	Lacks the producer's/shipper's declaration <sup>1</sup>		1. <b>DO NOT</b> RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11</a> )

1 An **original** written declaration and signed statements on the producer's or shipper's letterhead which states and affirms in a clear and concise manner, the following information:

- ◆ The guano is of bat origin (identification of the material and species of origin)

## Bird Guano and Manure

TABLE 3-2-5 Bird Guano and Manure

If the importation is:	And the condition of the bird guano is:	And the importation originated in and was shipped directly from a country known to be:	And:	Then:
Bird guano, usually from sea birds (all supplies of fossilized guano have been exhausted)	<ul style="list-style-type: none"> <li>◆ Pelleted (subjected to heat through a normal pelletizing process)</li> <li>◆ Powdered</li> </ul>	<ul style="list-style-type: none"> <li>◆ Affected with HPAI (H5N1) <b>only</b></li> <li>◆ Affected with a combination of HPAI (H5N1) and END</li> <li>◆ Affected with END <b>only</b></li> </ul>	Is accompanied by a VS permit	RELEASE or CONTROL as specified on the permit
			Lacks a VS permit	REFUSE ENTRY
		Free from both HPAI (H5N1) and END	Is accompanied by a government of origin certificate <sup>1</sup>	INSPECT and RELEASE
			Lacks the required certification	GO to <a href="#">Table 3-2-6</a>
Other than bird guano, e.g., poultry manure	Other than described above			<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see <a href="#">Appendix H</a>)</li> </ol>
				<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. HAVE the consignee contact VS, TTSPS (see <a href="#">page 2-4-27</a>)</li> </ol>

1 If from Peru, also accept a certificate issued by a veterinarian working for PESCA PERU.





## Powdered Bird Guano that Lacks Certification and from a Country Free from HPAI (H5N1) and END

TABLE 3-2-6 Powdered Bird Guano that Lacks Certification and Is from a Country Free from HPAI (H5N1) and END

If:	And the country of origin is:	And is:	Then:
Powdered bird guano that <b>lacks</b> certification	Free from both HPAI (H5N1) and END	Consigned to an approved establishment (pelletizing facility)	AUTHORIZE shipment under seal with VS 16-78 (see <a href="#">VS Form 16-78, Report of Entry, Shipment of Restricted Imported Animal Products and Animal By-Products, and Other Material</a> on <a href="#">page K-1-23</a> to complete the form)
		Not consigned to an approved establishment	<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11</a>)</li> </ol>

## Livestock Feces, Manure, and Urine

TABLE 3-2-7 Livestock Feces, Manure, or Urine

If the importation is:	And from:	And the origin is:	And:	Then:
<ul style="list-style-type: none"> <li>◆ Feces</li> <li>◆ Manure</li> </ul>	<ul style="list-style-type: none"> <li>◆ Equine (horse)</li> <li>◆ Swine</li> </ul>		Is accompanied by the required VS permit	RELEASE
			<b>Lacks</b> the required permit	REFUSE ENTRY
	Ruminant	Affected with BSE		REFUSE ENTRY
		Minimal risk for BSE <sup>1</sup>		
		Free of BSE	Is accompanied by the required VS permit	RELEASE
Urine			Is accompanied by the required VS permit	RELEASE
			<b>Lacks</b> the required permit	REFUSE ENTRY

1 Currently Canada is the **only** country designated at minimal risk for BSE.



## Animal Waste for Manufacturing (Industrial Use)

Parts of animal carcasses which may include the following, imported for manufacturing such as making glue:

- ◆ Collagen and collagenous parts, such as connective tissue, sinews, and dried intestines
- ◆ Glue stock and hide glue

### Animal Glue, Glue Stock, and Gut Strings

TABLE 3-2-8 Animal Waste for Manufacturing or Industrial Use (Animal Glue, Glue Stock, and Gut Strings)

If the importation is:	And the animal class of the by-product is from:	And the importation originated in and was shipped directly from a country known to be:	Then:
Animal glue	_____→	_____→	RELEASE
Collagen and collagenous products	_____→	_____→	GO TO <a href="#">Table 3-2-9</a>
Glue stock	Equine	_____→	RELEASE
	Ruminant	Free from BSE and FMD	GO to <a href="#">Table 3-2-12</a>
		Free from BSE, but affected with FMD	
		Affected with BSE or with both BSE and FMD	
	Swine	Free from ASF, CSF, FMD, and SVD	RELEASE
		Affected with ASF, CSF, FMD, or SVD	GO to <a href="#">Table 3-2-13</a>
	An animal class <b>other than</b> listed above, or the animal class is unknown	_____→	RELEASE
Ready-to-use suture materials and gut strings (for instruments and racquets)	_____→	_____→	

## Collagen and Collagenous Products

TABLE 3-2-9 Collagen and Collagenous Products

If the importation is:	And the importation is derived from:	And the country of origin is:	And:	Then:
<ul style="list-style-type: none"> <li>◆ Collagen</li> <li>◆ Collagenous products</li> </ul>	<ul style="list-style-type: none"> <li>◆ Equine</li> <li>◆ Poultry</li> <li>◆ Swine</li> </ul>	→	Is accompanied by a VS permit	RELEASE or CONTROL as specified on the permit
		→	Lacks a VS permit	REFUSE ENTRY
	◆ Ruminant	Affected with BSE	→	GO to <a href="#">Table 3-2-10</a>
		Free from BSE	Is accompanied by a VS permit	RELEASE or CONTROL as specified on the permit
			Lacks a VS permit	REFUSE ENTRY
	<ul style="list-style-type: none"> <li>◆ <b>Other than</b> listed above</li> <li>◆ Unknown animal class</li> </ul>	→	Is accompanied by a certificate showing the species and country of origin	RELEASE
		→	Lacks the proper certification	REFUSE ENTRY


## Collagen and Collagenous Parts or Products of Ruminants from a Country Known to Be Affected with BSE

**TABLE 3-2-10 Collagen and Collagenous Parts or Products of Ruminants from a Country Known to Be Affected with BSE**

If the importation is:	And the country of origin is known to be:	And the importation is:	And the intended use of the product is:	And the source of the collagen or collagenous parts is:	And the importation:	Then:
<ul style="list-style-type: none"> <li>◆ Collagen from ruminants</li> <li>◆ Collagenous parts or products from ruminants</li> </ul>	Affected with BSE	<b>Not</b> reconstituted collagen casings from ruminant collagen	Ingredient in cosmetics	→	Is accompanied by a VS permit	RELEASE
				→	<b>Lacks</b> a VS permit	REFUSE ENTRY
			<b>Other than</b> an ingredient in cosmetics	Ruminant hide	Is accompanied by a VS permit	RELEASE
					<b>Lacks</b> a VS permit	REFUSE ENTRY
				<b>Other than</b> ruminant hide	→	REFUSE ENTRY
		Reconstituted collagen casings from ruminant collagen			→	GO to <a href="#">Table 3-5-2 on page 3-5-4</a>

## Ruminant Glue Stock from a Country Affected with BSE

TABLE 3-2-11 Ruminant Glue Stock or Hide Glue from a Country Affected with BSE


If:	And the country of origin is:	And the importation is derived from:	And the importation:	Then:
Ruminant glue stock or hide glue	Affected with BSE	Hide cuttings or parings	Is accompanied by the appropriate certification <sup>1</sup>	RELEASE
			Lacks the certification <sup>1</sup>	REFUSE ENTRY
		Fleshings, tendons, or other collagenous parts		REFUSE ENTRY

1 An original, official certificate from the national veterinary authority of the exporting region indicating that the glue stock or hide glue was derived exclusively from hides.

## Ruminant Glue Stock from a Country Affected with FMD

Review the accompanying documentation or inspect the importation to determine if the glue stock is hard dried or flint dried.

TABLE 3-2-12 Ruminant Glue Stock from a Country Affected with FMD

If:	And the country of origin is:	And the glue stock is:	And the importation is:	Then:
Ruminant glue stock	Affected with FMD	Hard dried or flint dried		RELEASE
		Not hard dried or flint dried	Consigned to an approved establishment	AUTHORIZE shipment under seal with VS 16-78 (see <a href="#">Appendix K</a> for completing form)
			Not consigned to an approved establishment	1. <b>DO NOT</b> RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11</a> )

## Swine Glue Stock from a Country Affected with ASF, CSF, FMD, or SVD; or Glue Stock from an Unknown Animal Class

TABLE 3-2-13 Swine Glue Stock from a Country Affected with ASF, CSF, FMD, or SVD; or Glue Stock from an Unknown Animal Class

If:	And the country of origin is:	And the importation is:	Then:
<ul style="list-style-type: none"> <li>◆ Swine glue stock</li> <li>◆ Glue stock from and unknown animal class</li> </ul>	Affected with ASF, CSF, FMD, or SVD	Consigned to an approved establishment	AUTHORIZE shipment under seal with VS Form 16-78 (see <a href="#">Appendix K</a> for completing form)
		<b>Not</b> consigned to an approved establishment	<ol style="list-style-type: none"> <li>1. <b>DO NOT</b> RELEASE the HOLD</li> <li>2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11</a>)</li> </ol>

## Pellets from Birds of Prey

Pellets may enter **only** if accompanied by a VS permit or if consigned to an approved establishment. If the pellets are accompanied by a VS permit, then see [Table 3-2-14](#) to validate the permit, or to determine the appropriate regulatory action to take if consigned to an approved establishment.

TABLE 3-2-14 Pellets from Birds of Prey

If the importation is:	And:	And:	Then:
Pellets from birds of prey	Shipping documents match the VS permit	—————→	RELEASE or CONTROL as specified on the permit
	Shipping documents <b>do not</b> match the VS permit	VS permit has expired	1. <b>DO NOT</b> RELEASE the HOLD 2. HAVE the consignee contact VS, TTSPS (see <a href="#">page 2-4-27</a> ) 3. SAFEGUARD the importation until you hear from VS, TTSPS
		Discrepancy is <b>other than</b> an expired VS permit	1. <b>DO NOT</b> RELEASE the HOLD 2. CONTACT <a href="#">PPQ-AQI-VMO</a> or <a href="#">PPQ-VRS-Headquarters Personnel</a> for further action (see <a href="#">Appendix H</a> )
	Is consigned to an approved establishment	—————→	AUTHORIZE shipment under seal with VS Form 16-78 (see <a href="#">Appendix K</a> to complete the form)
	<b>Not</b> consigned to an approved establishment	—————→	1. <b>DO NOT</b> RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see <a href="#">Table 2-2-11 on page 2-2-18</a> )

## Rendered Products and Processed Proteins



Rendered products and processed protein products from countries affected with BSE are **prohibited** entry unless they are accompanied by a VS-issued permit.

Rendering is a process by which animal tissue is treated by heat or chemical processes to separate fat from protein and mineral components. Usually the products are finely ground before rendering. Rendered products may be imported for animal feed or as fertilizer. Animal by-products that could be rendered are listed below:

- ◆ Blood meal
- ◆ Bone meal (ground bones, de gelatinized bone meal)
- ◆ Fish emulsion
- ◆ Fish hydrolysate
- ◆ Feather meal
- ◆ Fish meal
- ◆ Greaves cakes
- ◆ Hoof and horn meal
- ◆ Meat meal
- ◆ Poultry meal
- ◆ Shellfish meal
- ◆ Tankage



Except from countries affected with BSE, **do not** consider spray dried blood or freeze dried blood as rendered products; regulate these products under **Blood**. Neither product is subjected to a process that inactivates exotic animal disease agents.

If a product is identified as a nutritional supplement, feed or food additive, or premixture or fertilizer, then review the accompanying documents thoroughly to determine if a rendered or processed protein product is present. If a rendered or processed protein product is present, then see [Table 3-2-15](#).

## Rendered or Processed Protein Products from All Species of Animals from a Country Affected With BSE or Designated at Minimal Risk for BSE

To regulate rendered processed protein products from all species of animals from a country either affected with or designated as minimal risk for BSE (currently Canada is the only country considered to be at minimal risk for BSE), see [Table 3-2-15](#).



Rendered or processed protein products from ruminants from countries affected with BSE are **prohibited** from all species of animals, regardless of the purpose for which they are imported. Rendered or processed fish and shellfish products from a country affected with BSE require a VS permit for entry.

**TABLE 3-2-15 Rendered or Processed Protein Products from All Species of Animals from a Country Affected With BSE, Designated at Minimal Risk for BSE, or Free from BSE**

If:	And from:	And the country of origin is:	And the product:	Then:
Rendered <sup>1</sup> or processed protein products	Ruminant	Affected with BSE	→	PROHIBIT ENTRY
		Minimal risk for BSE <sup>2</sup>		
		Free from BSE	→	GO to <a href="#">Table 3-2-19</a>
	Other than ruminant	Affected with BSE	Is accompanied by a VS permit	RELEASE or CONTROL as specified on the permit
			Lacks a VS permit	REFUSE ENTRY
		Minimal risk for BSE <sup>2</sup>	Is accompanied by a VS permit	RELEASE or CONTROL as specified on the permit
			Lacks a VS permit	REFUSE ENTRY
		Free from BSE	→	GO to <a href="#">Table 3-2-16</a>

1 A partial list of rendered products: animal fat blends, animal digest, blood meal, bone meal, crab meal, fish by-products, fish meal, fish protein, fish syllables, hydrolyzed hair, hydrolyzed animal fat, inedible tallow, lard, meat meal, oil, poultry meal, poultry waste, poultry litter, dried poultry feathers, and shrimp meal. Both edible and inedible tallow are allowed from a country at minimal risk for BSE.

2 Currently Canada is the **only** country designated at minimal risk for BSE.



## Rendered or Processed Protein Products from All Species of Animals from a Country Free from BSE

**TABLE 3-2-16** Rendered or Processed Protein Products from All Species of Animals from a Country Free from BSE

If the importation is:	And the country of origin is:	And is for use in:	And the importation is:	And:	Then:
Rendered or processed protein products	Free from BSE	Animal feed or fertilizer	<ul style="list-style-type: none"> <li>◆ Fish emulsion</li> <li>◆ Fish hydrolysate</li> <li>◆ Fish meal</li> <li>◆ Fish oil</li> <li>◆ Shellfish<sup>1</sup> meal</li> <li>◆ Shellfish<sup>1</sup> oil</li> </ul>	→	GO to <a href="#">Table 3-2-17</a>
			Greaves cakes	Is accompanied by the appropriate certification <sup>2</sup>	CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see <a href="#">Appendix H</a> )
				Lacks certification <sup>2</sup>	REFUSE ENTRY
			Rendered product from poultry	→	GO to <a href="#">Table 3-2-18</a>
			Rendered product from horse, ruminant, or swine	→	GO to <a href="#">Table 3-2-19</a>
			Other animal waste products that have <b>not</b> been fully processed or are <b>not</b> considered to be rendered	→	GO to <a href="#">Table 3-2-20</a>
		Manufacturing (such as glue)		→	1. REGULATE as glue stock 2. GO to <a href="#">Table 3-2-8</a>

1 For example, clam, crab, lobster, mussel, oyster, scallop, shrimp, squid, and snail.

2 An original certificate signed by a full-time veterinarian of the agency responsible for animal health in the exporting region, declaring the following:

- ◆ The animal species from which the material was derived
- ◆ The region where any facility in which the material was processed is located
- ◆ The material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ The material **did not** originate in and was **never** stored, rendered, or otherwise processed in or otherwise associated with a facility in a region listed in 9CFR 94.18(a)
- ◆ The material was **not** otherwise associated with any of the materials listed in 9CFR 95.29(a) which have been in a region listed in 9CFR 94.18(a)

## Fish Emulsion, Hydrolysate, Meal, and Oil and Shellfish Meal and Oil from a Country Free from BSE

**TABLE 3-2-17 Fish Emulsion, Hydrolysate, Meal, and Oil, and Shellfish Meal and Oil from a Country Free from BSE**

If:	And the country of origin is:	And is from:	And the importation:	Then:
◆ Fish emulsion	Free from BSE	New Zealand	Is accompanied by the appropriate certification <sup>1</sup>	RELEASE
◆ Fish hydrolysate			Lacks certification <sup>1</sup>	REFUSE ENTRY
◆ Fish meal		Other than New Zealand	Is accompanied by the appropriate certification <sup>2</sup>	RELEASE
◆ Fish oil			Lacks certification <sup>2</sup>	REFUSE ENTRY
◆ Shellfish meal				
◆ Shellfish oil				

1 An export certificate stating that the product is of New Zealand origin.

2 An original certificate signed by a full-time veterinarian of the agency responsible for animal health in the exporting region, declaring the following:

- ◆ The animal species from which the material was derived
- ◆ The region where any facility in which the material was processed is located
- ◆ The material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ The material **did not** originate in and was **never** stored, rendered, or otherwise processed in or otherwise associated with a facility in a region listed in 9CFR 94.18(a)
- ◆ The material was **not** otherwise associated with any of the materials listed in 9CFR 95.29(a) which have been in a region listed in 9CFR 94.18(a)

## Rendered or Processed Protein Products from Poultry, for Animal Feed or Fertilizer from a Country Free from BSE

Inspect the importation to determine if the products have been fully processed by dry rendering or live steaming. The products should resemble a coarse meal which has been uniformly ground. They should have a burned, scorched odor; be free of a decaying and rotten odor; and be free from pieces of bone, hide, flesh or sinew.

**TABLE 3-2-18** Rendered or Processed Protein Products from Poultry, for Animal Feed or Fertilizer from a Country Free from BSE

If:	And from:	And for use in:	And the country of origin is:	And:	Then:
Rendered or processed protein products, including poultry meal	Poultry	Animal feed or fertilizer	Free from BSE, but affected with HPAI (H5N1)	Is accompanied by a VS permit	RELEASE
				Lacks a VS permit	REFUSE ENTRY
			Free from both BSE and HPAI (H5N1)	Is accompanied by the appropriate certification <sup>1</sup>	RELEASE
				Lacks the certification	REFUSE ENTRY

1 An original certificate signed by a full-time veterinarian of the agency responsible for animal health in the exporting region, declaring the following:

- ◆ The animal species from which the material was derived
- ◆ The region where any facility in which the material was processed is located
- ◆ The material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ The material **did not** originate in and was **never** stored, rendered, or otherwise processed in or otherwise associated with a facility in a region listed in 9CFR 94.18(a)
- ◆ The material was **not** otherwise associated with any of the materials listed in 9CFR 95.29(a) which have been in a region listed in 9CFR 94.18(a)

## Rendered or Processed Protein Products from Equine, Ruminant, or Swine, for Animal Feed or Fertilizer from a Country Free from BSE

Inspect the importation to determine if the products have been fully processed by dry rendering or live steaming. The products should resemble a coarse meal which has been uniformly ground. They should have a burned, scorched odor; be free of a decaying and rotten odor; and be free from pieces of bone, hide, flesh or sinew.

TABLE 3-2-19 Rendered or Processed Protein Products from Equine, Ruminant, or Swine, for Animal Feed or Fertilizer from a Country Free from BSE

If:	And from:	And is for use in:	And the country of origin is:	And the importation:	Then:
Rendered or processed protein products	<ul style="list-style-type: none"> <li>◆ Equine (horse)</li> <li>◆ Ruminant</li> <li>◆ Swine</li> </ul>	Animal feed or fertilizer	Free from BSE	Is accompanied by the appropriate certification <sup>1</sup>	RELEASE
				Lacks the certification	REFUSE ENTRY

1 An original certificate signed by a full-time veterinarian of the agency responsible for animal health in the exporting region, declaring the following:

- ◆ The animal species from which the material was derived
- ◆ The region where any facility in which the material was processed is located
- ◆ The material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ The material **did not** originate in and was **never** stored, rendered, or otherwise processed in or otherwise associated with a facility in a region listed in 9CFR 94.18(a)
- ◆ The material was **not** otherwise associated with any of the materials listed in 9CFR 95.29(a) which have been in a region listed in 9CFR 94.18(a)

## Other Animal Waste Products that Are Not Fully Processed and Are Not Considered to Rendered, from a Country Free from BSE

**TABLE 3-2-20 Other Animal Waste Products Which Have Not Been Fully Processed and Are Not Considered to Be Rendered from a Country Free from BSE**

<b>If:</b>	<b>And the country of origin is:</b>	<b>And the importation is:</b>	<b>Then:</b>
<b>Other</b> waste products which have <b>not</b> been fully processed and are <b>not</b> considered to be rendered	Free from BSE	Consigned to an approved establishment	AUTHORIZE shipment under seal with VS 16-78 (see <a href="#">Appendix K</a> for form directions)
		<b>Not</b> consigned to an approved establishment	1. <b>DO NOT</b> RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see <a href="#">Appendix H</a> )

**Reference:** Animal Waste and Related By-Products

Other Animal Waste Products that Are Not Fully Processed and Are Not Considered to Rendered, from a Country Free from